

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: TOBBEN, Bernardus Johannes

SERIAL NO.: 10/539,945

ART UNIT: 3672

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EXAMINER: Wright, G. C.

TITLE: APPARATUS FOR THE COOLING OF DRILLING LIQUIDS

Amendment A: CLAIM AMENDMENTS

Claims 1 and 2 (canceled).

3. (new) An apparatus for cooling drilling mud comprising:

a first heat exchanging means for passing the drilling mud in heat exchange relationship with a water and glycol mixture so as to cool the drilling mud;

a second heat exchanging means for passing the water and glycol mixture in heat exchange relationship with seawater; and

a circulation pumping means for passing the water and glycol mixture in a closed circuit between said first heat exchanging means and said second heat exchanging means.